

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-2824
ANSWERED ON- 12/08/2026

CLIMATE RESILIENCE OF NATIONAL HIGHWAYS IN ODISHA

2824. DR. SASMIT PATRA:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) whether Government has undertaken any vulnerability assessment of National Highways in Odisha with respect to cyclones, floods, coastal erosion and climate-related disasters;
- (b) if so, the details thereof;
- (c) the highway stretches identified for climate-resilient upgradation together with the estimated cost and implementation status; and
- (d) the measures taken to ensure uninterrupted connectivity during extreme weather events?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (d) The planning, design, construction and maintenance of National Highways(NHs) and related infrastructure are carried out in accordance with relevant Indian Roads Congress (IRC) codes, specifications & guidelines from time to time by the Government in Ministry of Road Transport & Highways and all aspects of safety of NHs are taken care including vulnerability with respect to cyclones, floods, coastal erosion and climate related disasters. These provisions take into account local geomorphology and hydrology, long-term rainfall data and extreme weather events, catchment characteristics, drainage patterns, over-land and subsurface flows, as well as the adverse impacts of unplanned urbanisation on natural drainage. Accordingly, climate-resilient measures are integrated into National Highway projects to ensure safety, durability and uninterrupted connectivity. The Disaster Management Plan for Road and Highway sector provides a comprehensive framework to the implementing agencies for managing disasters with a focus on maintaining and restoring traffic connectivity on roads and Highways and to ensure that the infrastructure remains functional and safe for users during and after disasters, contributing to the overall resilience of the transport system.
